

**YEAR 9 CHECKPOINT MATHEMATICS**

**APRIL 2018**

**PAPER 1 SOLUTION**

1. (a) 5

(b)  $\frac{7}{8}$

2. Lily reads 32% of Book A  $\longrightarrow \frac{32}{100} \times 500 = 160$  pages

Safia reads 40% of Book B  $\longrightarrow \frac{40}{100} \times 360 = 144$  pages

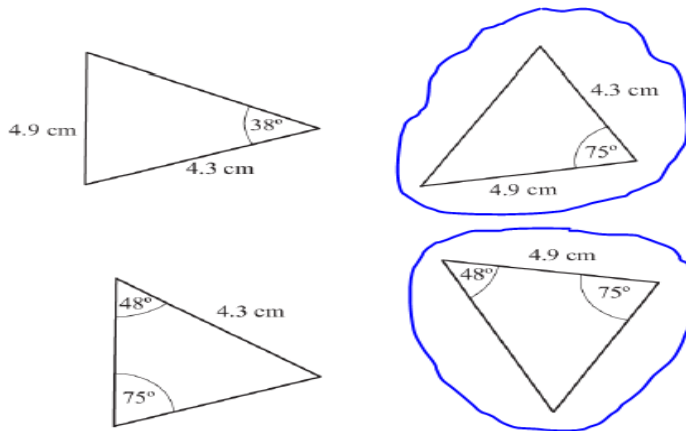
$\therefore$  Lily reads the most pages

3. 1.5 litres =  $1.5 \times 1000ml = 1500ml$  (1000ml = 1 litre)

He pours 250 ml into each glass.  $\therefore$  Number of glasses used =  $\frac{1500}{250} = 6$  glasses

4. Mike is wrong because he didn't apply BODMAS.  $\longrightarrow 8 + (12 \div 4) = 8 + 3 = 11$

5.



6. (a) 1.2

(b) 250

7. (a)

(b)  $\frac{61}{140}$

Grade in mathematics test for Year 10 students

	Grade A, B or C	Grade D, E or F	Total
Boys	76	64	140
Girls	79	61	140
Total	155	125	280

For complete solutions to the questions, contact: (+234)08033487161 or (+234)08177093682

or osospecial2015@yahoo.com